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(54) Title: IDENTIFICATION OF CANDIDA ALBICANS ESSENTIAL FUNGAL SPECIFIC GENES AND USE THEREOF IN ANTIFUNGAL DRUG DISCOVERY

(57) Abstract: The invention relates to the identification and disruption of essential fungal specific genes isolated in the yeast pathogen *Candida albicans* namely *CaKRE5*, *CaALR1* and *CaCDC24* and to the use thereof in antifungal diagnosis and as essential antifungal targets in a fungal species for antifungal drug discovery. More specifically, the invention relates to the *CaKRE5*, *CaALR1* and *CaCDC24* genes, to their use to screen for antifungal compounds and to the drugs identified by such.

INTERNATIONAL SEARCH REPORT

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IPC 7 C12Q1/68 C07K14/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, MEDLINE, CHEM ABS Data, EMBASE, EPO-Internal, WPI Data, PAJ, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 5 194 600 A (BOONE CHARLES ET AL) 16 March 1993 (1993-03-16) the whole document ---	1,2,5, 8-10,13, 16-18 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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